

Abstract of the Disclosure

Disclosed herein is an electronic camera for generating an image having a wide dynamic range by synthesizing two image pickup signals of different exposure amount generated by using an electronic shutter function and means for shutting off light, shading of image pickup signals resulting from difference in charge accumulating time among the pixels of image pickup device due to operation from opened state to closed state of the means for shutting off light being corrected by a shading correction means to form a synthesized image without an occurrence of false color due to shading. Also provided is an electronic camera generating two image pickup signals of different exposure amount by two shots of picture taking each using a flash emission in combination, at least one of an electronic shutter of image pickup device and means for shutting off light, as well as an emission of the flash emission means, being controlled to equalize between the two shots of picture taking ratio of exposure by normal light excluding light from the flash emission means and ratio of emission amount by the light from the flash emission means so that the two image pickup signals can be readily generated as having a predetermined exposure amount ratio in every part of a frame of picture even when a flash

emission is used in combination.